

1.0 INTRODUCTION

Federal regulations, administered by the Arizona Department of Environmental Quality (ADEQ), require facilities such as the Big Sandy Energy Project to develop a Storm Water Pollution Prevention Plan (SWPPP). The main purpose of these SWPPPs is to protect local water quality by reducing the amount of pollutants in storm water discharges from commercial and industrial sites.

The following information provides the SWPPP for the Big Sandy Energy Project.

1.1 Purpose

To reduce and minimize pollution discharges to the storm water discharge system, Caithness has developed an SWPPP for the facility. The SWPPP has two main purposes. These purposes are given as follows:

- To identify and evaluate sources of pollutants associated with industrial activities that may affect the quality of storm water discharges and authorized non-storm water discharges from the Project.
- To identify and implement site-specific Best Management Practices (BMPs) to reduce or prevent pollutants associated with plant activities in storm water discharges and authorized non-storm water discharges.

1.2 Management Controls

The Project Environmental/Safety Engineer is responsible for developing, implementing, and revising the SWPPP for the entire facility. A Storm Water Committee consisting of the Plant's Manager, the Operations Manager, and the Environmental/Safety Engineer is responsible for discussing, approving, and implementing storm water management control measures detailed in this plan.

1.3 Implementation

Implementation of all BMPs for the Project are being achieved during design of the facility. These design features will be implemented during the construction phase of the Project. During start-up and operation of the plant, the Environmental/Safety Engineer will examine the constructed storm water BMPs to assure that they are effective in preventing pollutants from entering the storm water system. Any alterations to the drainage system and/or storm water runoff control system will be implemented by the plant management if the designed BMPs are inadequate. This will be done on a case-by-case situation and reported in an annual update to the ADEQ.

1.4 Public Access to Big Sandy Energy Project Storm Water Pollution Prevention Plan

The SWPPP is a facility plan for use by Big Sandy Energy Project personnel. It is also a public document. Representatives of the ADEQ are allowed direct access to the plant during site visits. Additionally, a copy of the SWPPP is supplied to the ADEQ as a requirement of the plan approval. Any other request for a copy of this plan can be obtained through the Big Sandy Energy Project's Environmental/Safety Engineer.

1.5 Revisions to the Storm Water Pollution Prevention Plan

The Project is required to revise and implement the SWPPP to correct any deficiencies that are found that may significantly affect the quality of the storm water discharges and authorized non-storm water discharges. Additionally, the Big Sandy Energy Project management is responsible for reviewing and revising the SWPPP on a yearly basis to reflect the results from the annual site inspection and storm water discharge analytical data of the facility. All revisions and updates to the SWPPP are supplied to the ADEQ. The Project's Environmental/Safety Engineer is responsible for determining when the SWPPP needs to be revised, and when completed. The Storm Water Committee will review and implement any annual recommendations made by the Environmental/Safety Engineer to the SWPPP.